

PEAK ESCAPEMENT RECORD

Grace Creek
101-71-50

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
7-31-37				None observed.
9-25-47	3,000	3,000		Excellent
9-17-49	16,000	2,000		15,000 dead pink. (5000 live and 3000 dead chum on 10-3)
9-1-50	11,000	200		400 dead pinks. (9000 chum 9-13)
9-15-51	19,600	1,800		2700 dead pinks.
8-26-52	9,190	150		165 dead pink. 20 dead chum. (950 chum 9-3)
8-31-53	3,900	1,400	2 red	
9-4-54	27,000	2,500		
9-15-55	3,500	1,500		
9-16-56	10,000	6,000		1,000 chum at mouth.
8-20-57	10,000	3,000		
8-20-60				Fish present. Water high & dark.
9-8-61				Fish present.
8-30-62	500			Visibility good.
7-16-63				Visibility excellent.
9-1-64	8,000	4,000		50 @ mouth. Many new fish. Pinks and chums spawning.
8-26-65	200			
8-29-66	560			Estimate 600 dead.
8-27-68	1,500	few		Many carcasses (2000+) in stream.
9-5-69				200 @ mouth. Visibility excellent.
7-31-72	800	100		Visibility good.
8-20-75	3,500			1500 @ IT. 2-3 small schools @ mouth.
- 268 -				

Name Grace Creek Catalog No. 101-71-10500
 Latitude N 55° 35' 46" 39' 39" WR No. 75
 Longitude W 130° 58' 32" 57' 46" K No. 75
 Geodetic Map No. Ketchikan C-3 Work Area Ketchikan
 Location W. side E. Behm C., 4.2 mi. SW Ledge Watershed Length 16 miles major trib.
 Drainage Area of Watershed 53 sq. miles
 Water Supply Type Early snowfield, precipitation fed with 1,700 acre lake.

Trails & Survey Routes Stream is easily walked at normal water levels to the barrier falls. There is also a forest service trail that leads to the lake.

Aerial Survey Notes Visibility is generally good but stream should be walked prior to the aerial survey to become knowledgeable of schooling area for accurate enumeration.

Anchorage An exposed anchorage in mouth of stream at drop off.

Tide Stage When Surveyed 2/3 flood.

FISHERY RESOURCES

Commercial Fisheries Pink & chum. Few coho adults observed in past years, most spawning occurs in first .3 miles above high tide.

Escapement 8,000 9-1-64. 4,500 pinks 8-20-75. High Historic: 9-49, 31,000 pink, 8,000 chums. Spawning area = 8410 m². (850' x 50' x 60% ASA) upstream: (1700' x 45' x 85% ASA)

Species Composition 80% pink, 19% chum, 1% other

Timing Middle - August, September.

Schooling areas at mid-intertidal.

Shellfish Potential Unknown

Sport Fisheries Trout in lake and creek.

Land Use at Present Sports fishing.

History of Land Use Unknown

Rehabilitation Potential Is a barrier falls that should be examined.

Soils Upper streambanks are steep and lower stream banks are low and broad. They seem quite stable.

GAME RESOURCES

Bear -----	Fish carcasses or bones (old or fresh) on banks, estimate	0
	Number of droppings	0
	1 bear sighted.	0
Geese -----	Number seen on tide flats	0
	Number seen up creek	0
	Number of broods seen	0
Mallards ---	Number seen on tide flats	20
	Number seen up creek	0
	Number of broods seen	0
Mergansers -	Number of broods seen	2
Bald Eagles -	Number seen along creek	4
	Number of nests seen and location	0
	Number seen at mouth of stream	2
Seals -----	Estimate length along beach	0
Tide flats -	Estimate depth out from beach	0
	Eel grass present on what percent of flats	0
(1 brood harlequin ducks)		